

(i) an enzymatic test kit for the determination of the activity of alanine dehydrogenase (E.C. 1.4.1.1), comprising L-alanine, nicotinamide adenine dinucleotide (oxidized form; NAD<sup>+</sup>), phenazine methosulphate (PMS) and nitroblue tetrazolium chloride (NBT); and

(ii) a nucleic acid consisting essentially of the DNA sequence selected from the group consisting of the following partial sequences [and other partial sequences] of the alanine dehydrogenase gene of *M. tuberculosis* [(Fig. 2.5)].

Name	Sequence	Orientation
AlaDH-F1	5'-ATGCGCGTCGGTATTCCG-3'	forward
AlaDH-F1+	5'-GCGCGTCGGTATTCCGACCG-3'	forward
AlaDH-F2	5'-GAGACCA <del>AAAA</del> ACAACGAA-3'	forward
AlaDH-F4	5'-GAATTCCCATCAGCAATCTTGCAGA-3'	forward
AlaDH-F5	5'-GCCCCGATGAGCGAAGTC-3'	forward
AlaDH-F6	5'-GGGGCCGTCCTGGTGCC-3'	forward
AlaDH-F7	5'-GACGTCGACCTACGCGCTGAC-3'	forward
AlaDH-R1	5'-CTCGGTGAACGGCACCCC-3'	reverse
AlaDH-R2	5'-GGCCAGCACGCTGGCGGG-3'	reverse
AlaDH-R3	5'-CA <del>CCCC</del> GTTTCGGACAGTAA-3'	reverse
AlaDH-R4	5'-CGCGGCCGACATCATCGC-3'	reverse
AlaDH-R5	5'-GGCCGACATCATCGCTTCCC-3'	reverse
AlaDH-R6	5'-CGAGACTAATTTGGGTGCCTTGGC-3'	reverse
AlaDH-R7	5'-ATTTGGGTGCCTTGGC-3'	reverse
AlaDH-RM	5'-GGCGGCGAGTCGACCGGC-3'	reverse

partial sequences thereof and sequences that are hybridizable therewith under stringent conditions, for the diagnosis of tuberculosis and other mycobacterial infections in humans or animals.

In claim 2, after "an enzymatic test kit" insert --of said set--.

In claim 10, after "said DNA sequence" insert --of said set--.

In claim 14, after "claim 2" insert --or claim 10--.